



**WISCONSIN DEPARTMENT OF TRANSPORTATION
BUREAU OF AERONAUTICS**



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Wisconsin Aviation Activity 2004

Aviation activity in Wisconsin is determined through the use of information provided by the Federal Aviation Administration (FAA) and developed from the Wisconsin Department of Transportation (WisDOT) records and files. Reporting sources include air traffic control facilities, flight service stations, airport managers and scheduled air carriers.

This report shows activity levels for 2004 as well as the recent past. The calendar year totals for aviation activity at airports with control towers were taken from the monthly data reports submitted by the FAA control towers.

The summarized data in this report is used in developing and measuring Wisconsin aviation trends.

Landing Facilities

Currently, there are 711 aircraft landing areas known to exist in Wisconsin. Table 1 summarizes these landing areas.

Table 1

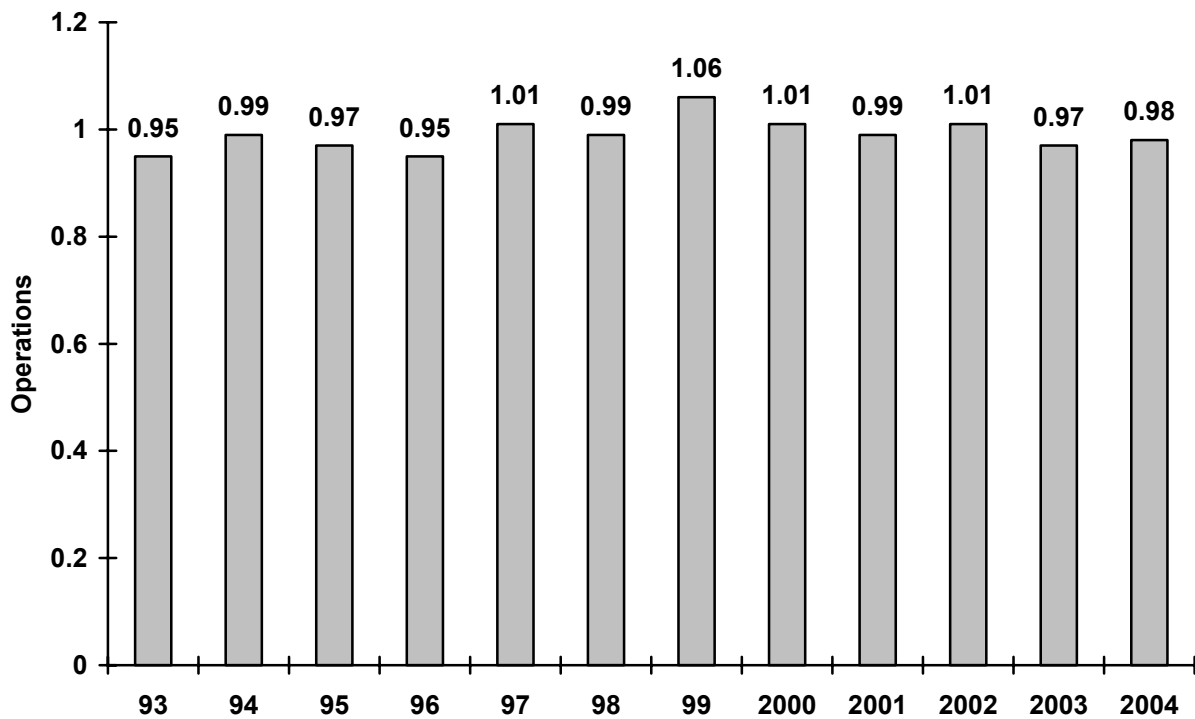
	2000	2001	2002	2003	2004
Airports Open to the Public	136	136	134	134	134
Publicly Owned	98	98	97	99	99
Privately Owned	38	38	37	35	35
Private Use Airports	426	430	407	403	405
Heliports	131	126	132	136	139
Seaplane Bases	27	27	27	25	26
Military/Police Fields and Helipads	7	7	7	7	7
Total	727	726	700	705	711

Location on the National Plan of Integrated Airport Systems (NPIAS)	83	83	84	84	87
Location on the State Airport System Plan (SASP)	100	100	100	100	98
Airports with Instrument Approaches	80	82	80	85	85

Aircraft Operations

Figure 1 shows the trend in aircraft operations at Wisconsin airports with traffic control towers since 1993.

Figure 1
Wisconsin Aircraft Operations at Control Tower Locations
(Millions)



Aircraft Operations at Control Tower Airports

Table 2

Location/Airport	Tower Hours	2000	2001	2002	2003	2004	% Change (03-04)
Milwaukee - General Mitchell International	24 hours	221,855	211,512	216,179	211,418	217,494	2.9
Madison - Dane County Regional	6AM – 11PM	134,692	128,555	129,498	132,108	129,673	-1.8
Oshkosh - Wittman Regional	6AM – 10PM	104,393	103,399	117,625	110,870	100,588	-9.3
Waukesha - Crites Field	6AM – 9PM	90,472	96,032	93,538	92,198	89,822	-2.6
Kenosha - Kenosha Regional	7AM – 9PM	89,221	99,093	80,707	80,960	81,648	.8
Janesville – Southern Wisconsin Regional	6AM – 9PM	76,671	80,740	83,298	75,472	68,849	-8.8
Milwaukee - Timmerman	7AM – 9PM	76,437	76,867	77,817	72,514	69,134	-4.7
Green Bay - Austin Straubel International	5:30AM – 11:30PM	65,480	63,405	74,141	70,548	95,921	36.0
Appleton - Outagamie County Regional	5:30AM-11PM	63,858	56,805	57,691	53,440	50,583	-5.3
La Crosse - La Crosse Municipal	6AM – 9PM	44,064	42,490	40,658	38,969	43,826	12.5
Mosinee - Central Wisconsin	6AM – 10PM	38,455	38,342	36,362	35,062	29,726	-15.2
Total		1,005,598	997,240	1,007,514	973,559	977,264	.4

Itinerant/Local Activity Splits

Table 3

Location/Airport	% Itinerant	% Local
Milwaukee - General Mitchell International	99	1
Madison - Dane County Regional	73	27
Oshkosh - Wittman Regional	54	46
Milwaukee - Timmerman	65	35
Green Bay - Austin Straubel International	63	37
Appleton - Outagamie County Regional	85	15
Janesville – Southern Wisconsin Regional	56	44
Waukesha - Crites Field	57	43
La Crosse - La Crosse Municipal	63	37
Mosinee - Central Wisconsin	84	16
Kenosha - Kenosha Regional	61	39

Flight Service Station

The Green Bay Flight Service Station (FSS) activity levels shown in Table 4 equals the sum of flight plans originated and pilot briefs provided, multiplied by two, plus the number of aircraft contacted. Total services at the Green Bay FSS showed a 1.1% increase between 2003 and 2004. Table 5 is a breakdown of total services by type of activity.

Table 4

	2000	2001	2002	2003	2004	% Change (03-04)
Green Bay FSS	656,898	582,357	546,877	498,790	504,082	1.1

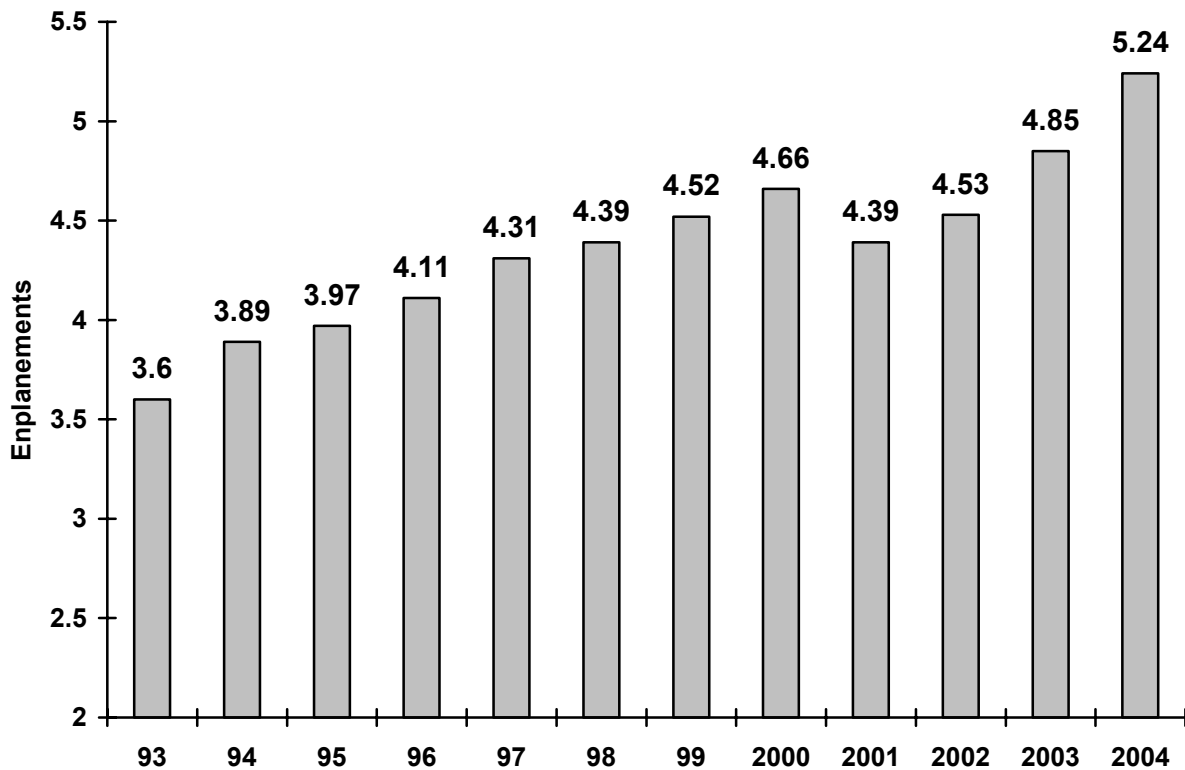
Table 5

Category	2000	2001	2002	2003	2004	% Change (03-04)
Aircraft Contacts	67,324	58,607	44,319	39,752	40,388	1.6
Flight Plans Originated	142,871	123,764	118,558	108,804	105,713	-2.8
Pilot Briefs	151,916	138,111	132,721	119,715	126,134	5.4

Air Carrier Enplanements

As shown in Figure 2 and Table 6, scheduled air carrier enplaned passengers for 2004 totaled 5,244,880. This is an increase of 8.1% or 394,684 more enplanements than 2003. The totals include enplaned passengers only. Total passenger traffic at each airport would be approximately double the number of enplanements.

Figure 2
Wisconsin Air Carrier Enplanements
(Millions)



In compiling the statistics for this category, total enplanements of scheduled air carrier passengers, both certificated and commuter, were obtained from the respective airport manager (per calendar year). Since the FAA publication ***Airport Activity Statistics of Certificated Route Air Carriers*** for 2004 had not been issued at the time of printing, the data presented here for 2004 is preliminary and subject to change.

Air Carrier Enplanements

Table 6

Location/Airport	2000	2001	2002	2003	2004	% Change (03-04)
Milwaukee - General Mitchell International	3,039,962	2,811,954	2,815,984	3,074,422	3,331,255	8.4
Madison - Dane County Regional	668,731	674,700	768,475	806,546	847,341	5.1
Green Bay - Austin Straubel International	368,693	348,086	373,696	393,777	413,312	5.0
Appleton - Outagamie County Regional	279,300	261,395	271,535	261,947	304,504	16.2
Mosinee - Central Wisconsin	129,109	130,897	142,538	150,599	162,883	8.2
La Crosse - La Crosse Municipal	113,621	107,247	110,043	111,033	122,126	10.0
Eau Claire - Chippewa Valley Regional	20,124	21,399	20,229	20,696	24,534	18.5
Rhineland - Rhineland-Oneida County	37,113	27,967	27,701	31,032	38,925	25.4
Total	4,659,187	4,386,021	4,531,810	4,850,196	5,244,880	8.1

Enplaned Cargo (Lbs.)

Table 7

Location/Airport	2000	2001	2002	2003	2004	% Change (03-04)
Green Bay - Austin Straubel International	568,138	416,837	617,837	806,211	523,338	-35.1
Appleton -Outagamie County	9,458,136	7,005,579	10,109,277	8,592,396	8,588,012	-.1
Madison - Dane County Regional	11,232,073	11,092,514	11,379,640	11,144,456	11,064,303	-.7
Janesville – Southern Wisconsin Regional	3,629,863	1,072,980	749,844	400,977	1,460,947*	264.3
Milwaukee - General Mitchell International	126,095,651	107,097,313	100,365,740	95,803,611	97,429,150	1.7
Mosinee - Central Wisconsin			3,068,609	3,735,421	2,918,088	-21.9
Eau Claire - Chippewa Valley			215,928	214,796	215,362	.3
Rhineland - Oneida County			1,674,691	1,818,640	1,533,229	15.7
Total	150,983,861	126,685,223	128,181,566	122,516,508	123,732,429	1.0

* Southern Wisconsin Regional Airport experienced a 264.3% increase in enplaned cargo in 2004 due to a substantial increase in manufacturing from companies in the area.

Based Aircraft

Using the FAA definition of “active aircraft” as an aircraft that flew one or more hours during the year, Table 8 shows the total active aircraft registered with the WisDOT, Division of Motor Vehicles. Totals for 2004 include the number of aircraft registered, those with registration pending, and the delinquent registrations as of March 2004.

Table 8

Active Aircraft	2000	2001	2002	2003	2004	% Change (03-04)
Airplanes	5007	4,894	4,766	4,915	4,939	.5
Seaplanes	46	52	52	53	51	-3.8
Sailplanes	48	45	55	56	54	-3.6
Rotorcraft	74	76	80	84	91	8.3
Balloons	58	65	78	79	74	-6.3
Hang Gliders/Ultralights	19	19	12	12	13	8.3
Total	5,252	5,151	5,043	5,199	5,222	.4

Summary of 2004 Aviation Activity

Table 9

	2004	% Change (03-04)
A. Total Aircraft Operations at Locations with Air Traffic Control Towers	977,264	.4
B. Total Service at Flight Service Stations	504,082	1.1
C. Total Scheduled Air Carrier Passenger Enplanements	5,244,880	8.1
D. Total Active Based Aircraft	5,222	.4
E. Total Landing Facilities on Record	711	.9
F. Total Enplaned Cargo	123,732,429	1.0